AMB 2, 64, 10

DRAFT. AF
5 February 1952

MEMORANDUM FOR: THE RECORD

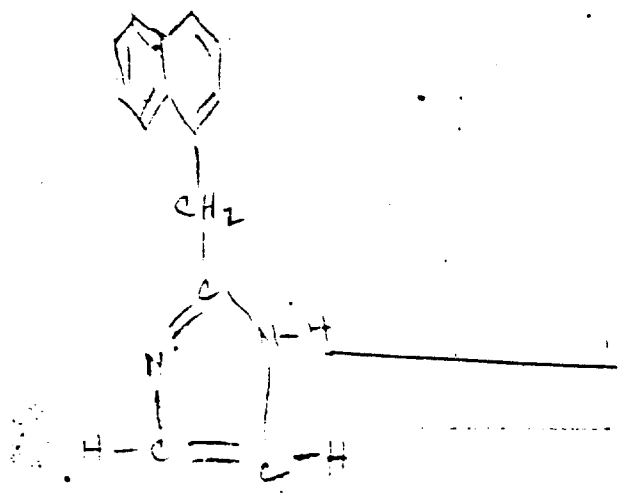
SUBJECT: Initial Contact by AMB with _____

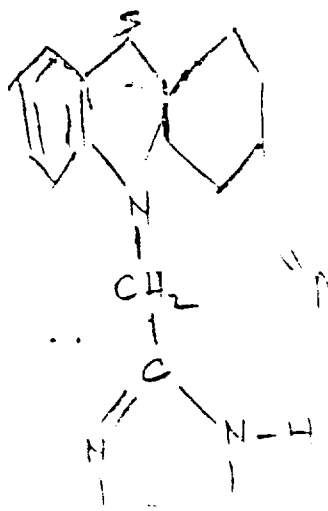
C-710

C 1. This date the writer spent most of the day with _____ under
C-710 cover of being a consultant to _____
in connection with a special project on the covert use of chemicals against
individuals and small groups. _____ is a cleared consultant to
C _____.

C

C



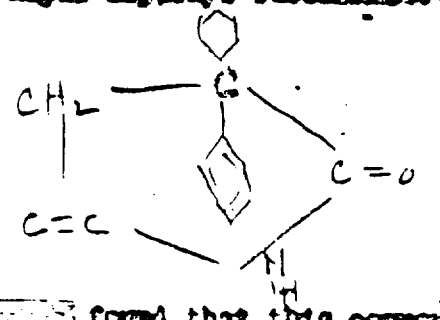


"Miracle-privi

b. In the course of a detailed discussion of the physiological effects in which we are interested, the following points were made:

a. Diethyl mercury ($Hg(Et)_2$) - produces a delayed central convulsion. Delay is often as long as two weeks. Further details in Clark's "Pharmacology" p. 33.

b. Alpha, alpha diphenyl succinimide-



_____ found that this compound produces a delayed paralysis. A dose of 50-200 mg/kilo, given as a single dose gives paralysis in exactly 10 days. It is more effective in more highly developed animals. _____ thinks more active compounds could be uncovered with further investigation.

c. _____ thinks that more research should be done on LSD from the standpoint of looking for similar activity on more simple compounds. No work seems to be going on in this field.

d. _____ has an idea that fluorination of barbiturates might give us hypnotics and sedatives that are potent and long-acting enough to answer our needs for a hypnotic for combat use.

e. In connection with the dog horse problem _____ mentioned the fact that Mg salts are active depressants. They work by fatiguing the nerve or muscle.

f. In connection

f. In connection with itching powders, _____ mentioned work that had been done in his laboratories on skin irritation, where they found that [illegible], the Mexican itch weed, was the most effective material available. He gave the writer a sample of this material.

g. Furfuryl ester of nicotinic acid produces an edema and reddening of the skin with no discomfort to the subject. Pentanediol produces a skin with red spots exactly like those resulting from a severe physical beating. [illegible] of this material in any ointment base will produce this effect. Phenethyl alcohol will also do this in a concentration of 1%.

h. _____ is interested in setting up a program of stress therapy in psychotics through the production of violent sweating. Since NIH has firm requirements for an effective sweat powder, _____ was invited to submit a research proposal for a research that would be designed to discover highly active sweat substances for us and cover the research as a research in stress therapy for psychotics.

i. In the December issue of the Amer. Jour. Pharm. and Exptl. Ther. is an article by Wisconsin's O. S. Orth on the pharmacology of LSD.

j. _____ agreed to fill out NIH forms, which we will send to him soon.

_____
Chemical Branch
Research & Development

Original & 2 copies only.